

Solving Inequalities WS #1

Solve each inequality. Show all required work. Make sure your variable is on the left in your final answer.

1) $-2 - 5x < -57$

2) $7n + 2 > 23$

3) $-2 + 6a \leq 4$

4) $9 - 10n > 189$

5) $8p - 3 \leq 157$

6) $6 - 5v \geq 71$

$$7) -b - 3 \leq 1$$

$$8) -6 - 3k < -51$$

$$9) -10 - 2k > -48$$

$$10) -9 + 2x < 25$$

$$11) -9(v - 6) > -9$$

$$12) 2(-7 + n) > -40$$